



PATENT APPLICATION
Attorney Docket No.: ASX-104

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Rosenthal et al. CONFIRMATION NO.
SERIAL NO.: 09/199,677 GROUP NO. 2857
FILING DATE: November 25, 1998 EXAMINER B. Bui
TITLE: Thermal Imaging for Semiconductor Process Monitoring

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

**Request for Entry and Recordation of Revocation of Power of Attorney with
New Power of Attorney and Change of Correspondence Address and Request
for Change of Attorney Docket Number**

Applicants respectfully request that the attached Revocation of Power of Attorney With New Power of Attorney and Change of Correspondence Address is entered and recorded.

Furthermore, in connection with the attached Revocation of Power of Attorney With New Power of Attorney and Change of Correspondence Address, Applicants respectfully request that the Attorney Docket No. be updated to read "ASX-104" (old Attorney Docket No. "OLT-20").

If there are any questions regarding this matter, the U.S. Patent Office is kindly requested to contact the undersigned at the telephone number identified below.

Respectfully submitted,

Date: May 3, 2006
Reg. No. 56,834

Tel No. (617) 526-9712
Fax No. (617) 526-9899

Erik Saarmaa
Proskauer Rose LLP
One International Place
Boston, MA 02110-2600



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

REVOCATION OF POWER OF
ATTORNEY WITH
NEW POWER OF ATTORNEY
AND
CHANGE OF CORRESPONDENCE ADDRESS

COPY

The assignee of record of the entire right, title, and interest of the U.S. patents identified in Appendix A hereby revokes all previous powers of attorney, and requests that the U.S. Patent and Trademark Office appoint the practitioners associated with

Customer Number: 42532

as attorney(s) and/or agent(s) to prosecute and transact all business in the U.S. Patent and Trademark Office in connection therewith. Customer Number 42532 is assigned to Proskauer Rose LLP, One International Place, Boston MA 02110-2600.

Assignee also hereby grants an additional Power of Attorney to the attorney(s) and/or agent(s) named below to file and prosecute **foreign national patent applications** in any and all countries of the world, regional patent applications under the European Patent Convention and/or international applications under the Patent Cooperation Treaty based upon the patents identified in Appendix A, including a power to meet all designated office requirements for designated states.

David Baltazar	Reg. No.: 53,964	Tiffany A. Levato	Reg. No.: 50,160
Steven M. Bauer	Reg. No.: 31,481	Robert S. Mayer	Reg. No.: 38,544
Paul Booth	Reg. No.: 40,244	Silvana M. Merlino	Reg. No.: 44,237
Sandra A. Brockman-Lee	Reg. No.: 44,045	David G. Miranda	Reg. No.: 42,898
Joseph A. Capraro, Jr.	Reg. No.: 36,471	Kristen H. Neuman	Reg. No.: 35,530
Mark A. Catan	Reg. No.: 38,720	Jeremy P. Occek	Reg. No.: 50,794
Anthony C. Coles	Reg. No.: 34,139	Kenneth Rubenstein	Reg. No.: 30,586
Breda Donovan	Reg. No.: 52,828	Colin Sandercock	Reg. No.: 31,298
Alan Federbush	Reg. No.: 37,619	Erik Saarmaa	Reg. No.: 56,834
Todd A. Gerety	Reg. No.: 51,729	James H. Shalek	Reg. No.: 29,749
Nolan Goldberg	Reg. No.: 54,126	John C. Stellabotte	Reg. No.: 47,969
Louis Greco	Reg. No.: 41,799	Deborah M. Vernon	Reg. No.: 55,699
Charles Guttman	Reg. No.: 29,161	Baldassare Vinti	Reg. No.: 43,970
Tzvi Hirshaut	Reg. No.: 38,732	Carolyn E. Whyte	Reg. No.: 55,728
John Isacson	Reg. No.: 33,715	Scott K. Witonsky	Reg. No.: 56,471
David Laub	Reg. No.: 38,708		

Please change the correspondence address for all of the patents identified in Appendix A to the address associated with:

Customer Number: 42532

The assignee of record of the entire right, title, and interest of the patents identified in Appendix A, in accordance with 37 C.F.R. § 3.73(b), is MKS Instruments, Inc. organized and existing under the laws of the Commonwealth of Massachusetts, having a usual place of business at 90 Industrial Way, Wilmington, MA 01887 (formerly at Six Shattuck Road, Andover, MA 01810).

SIGNATURE OF ASSIGNEE OF RECORD

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Name:	Kathleen Burke		
Title:	General Counsel		
Signature			
Date	5-1-2006	Telephone No.	800-227-8766

APPENDIX A

<i>Atty Docket No.</i>	<i>Patent No.</i>	<i>Issue Date</i>	<i>Recordation Information</i>
(AFU-2)	4,824,790	04/25/89	Recorded 02/01/02 at Reel No. 012590, Frame No. 0363
(AFU-3)	4,985,858	01/15/91	Recorded 02/01/02 at Reel No. 012590, Frame No. 0363
(AFU-9)	5,136,154	08/04/92	Recorded 02/01/02 at Reel No. 012590, Frame No. 0363
(AFU-5)	5,170,223	12/08/92	Recorded 02/01/02 at Reel No. 012590, Frame No. 0363
(AFU-4)	5,239,488	08/24/93	Recorded 02/01/02 at Reel No. 012590, Frame No. 0363
(AFU-11)	5,285,167	02/08/94	Recorded 02/01/02 at Reel No. 012590, Frame No. 0363
(AFU-7-CIP)	5,403,433	04/04/95	Recorded 02/01/02 at Reel No. 012590, Frame No. 0363
(AFU-9-EP)	European Pat. No. 0583402	07/23/97	
(OLT-1)	5,432,336	07/11/95	Recorded 02/01/02 at Reel No. 012590, Frame No. 0363
(AFU-12-CIP)	5,349,438	09/20/94	Recorded 02/01/02 at Reel No. 012590, Frame No. 0363
(AFU-12-CIP-II)	5,513,828	05/07/96	Recorded 02/01/02 at Reel No. 012590, Frame No. 0363
(AFU-12-CIP-DIV-II)	5,588,632	12/31/96	Recorded 02/01/02 at Reel No. 012590, Frame No. 0363
(OLT-4)	5,440,143	08/08/95	Recorded 02/01/02 at Reel No. 012590, Frame No. 0363
(OLT-5)	5,473,429	12/05/95	Recorded 02/01/02 at Reel No. 012590, Frame No. 0363
(OLT-2)	5,486,917	01/23/96	Recorded 02/01/02 at Reel No. 012590, Frame No. 0363
(OLT-7)	5,604,581	02/18/97	Recorded 02/01/02 at Reel No. 012590, Frame No. 0363
(OLT-13)	5,675,412	10/07/97	Recorded 02/01/02 at Reel No. 012590, Frame No. 0363

<i>Atty Docket No.</i>	<i>Patent No.</i>	<i>Issue Date</i>	<i>Recordation Information</i>
(OLT-15)	5,900,633	05/04/99	Recorded 02/01/02 at Reel No. 012590, Frame No. 0363
(OLT-17)	6,161,054	12/12/00	Recorded 02/01/02 at Reel No. 012590, Frame No. 0363
(OLT-16)	6,192,287	02/20/01	Recorded 02/01/02 at Reel No. 012590, Frame No. 0363
(OLT-29)	6,485,872	11/26/02	Recorded 01/26/01 at Reel No. 011475, Frame No. 0841

<i>Atty Docket No.</i>	<i>Application No.</i>	<i>Filing Date</i>
(OLT-13-EP)	96942027.2-2213 PCT/US9618596	05/19/98 (EP) 11/20/96 (PCT)
(OLT-20)	U.S. Patent Application No. 09/199,677	11/25/98 Recorded 04/23/99 at Reel No. 9910, Frame No. 0755
(OLT-28-JP)	2003-509667 PCT/US0025377	03/18/02 (JP) 09/15/00 (PCT)
(OLT-28-EP)	00966730.4-2213 PCT/US0025377	02/20/02 (EP) 09/15/00 (PCT)
(OLT-29-EP)	00980691.0-2204 PCT/US0032115	06/26/02 (EP) 11/24/00 (PCT)



TRANSMITTAL FORM

Application Serial Number	09/199,677
Filing Date	11/25/98
First Named Inventor	Rosenthal et al.
Group Art Unit	2857
Examiner Name	B. Bui
Attorney Docket No.	ASX-104 (formerly OLT-20)
Patent No.	Not applicable
Issue Date	Not applicable

ENCLOSURES (check all that apply)

- | | | |
|---|--|---|
| <input type="checkbox"/> Fee Transmittal Form
<input type="checkbox"/> Check Attached
<input type="checkbox"/> Copy of Fee Transmittal Form

<input type="checkbox"/> Amendment/Response
<input type="checkbox"/> Preliminary
<input type="checkbox"/> After Final
<input type="checkbox"/> Affidavits/declaration(s)
<input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets ____]

<input type="checkbox"/> Petition for Extension of Time

<input type="checkbox"/> Information Disclosure Statement
<input type="checkbox"/> Form PTO-1449
<input type="checkbox"/> Copies of IDS Citations

<input type="checkbox"/> Certified Copy of Priority Document(s)

<input type="checkbox"/> Sequence Listing submission
<input type="checkbox"/> Paper Copy/CD
<input type="checkbox"/> Computer Readable Copy
<input type="checkbox"/> Statement verifying identity of above | <input type="checkbox"/> Copy of Notice to File Missing Parts of Application (PTO-1553)

<input type="checkbox"/> Formal Drawing(s)

<input type="checkbox"/> Request For Continued Examination (RCE) Transmittal

<input checked="" type="checkbox"/> Power of Attorney (Revocation of Prior Powers)

<input type="checkbox"/> Terminal Disclaimer

<input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application

<input type="checkbox"/> Small Entity Statement

<input type="checkbox"/> CD(s) for large table or computer program

<input type="checkbox"/> Amendment After Allowance | <input type="checkbox"/> Request for Certificate of Correction
<input type="checkbox"/> Certificate of Correction (in duplicate)

<input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences

<input type="checkbox"/> Appeal Brief (in triplicate)

<input checked="" type="checkbox"/> Status Inquiry

<input checked="" type="checkbox"/> Return Receipt Postcard

<input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8

<input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below)
<input checked="" type="checkbox"/> Request for Entry and Recordation of Revocation of Power of Attorney with New Power of Attorney and Change of Correspondence Address and Request for Change of Attorney Docket Number |
|---|--|---|

CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 3rd day of May, 2006.

Patricia Cicalese

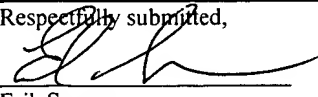
CORRESPONDENCE ADDRESS

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SIGNATURE BLOCK

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Respectfully submitted,


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